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1. ELECTROPHORESIS DISPLAY DEVICE

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PROBLEM TO BE SOLVED: To realize a high memory holding power by stacking a 1st and a 2nd electrode on a 1st substrate so that they shift in position from the 1st substrate in a necessary direction, making the 1st and 2nd electrodes overlap with the 1st substrate, and giving the necessary surfaces of the 1st and 2nd electrodes steps with the 1st substrate in a necessary direction.

SOLUTION: A 1st electrode 8 and a 2nd electrode 7 which is applied with a different voltage from that of the 1st electrode 8 are provided shifted horizontally and vertically from the 1st substrate 3, and an electric field which controls the space distribution in the device is produced. Consequently, colored electrostatically charged electrophoretic particles 2 are able to migrate between the 1st electrode 8 and 2nd electrode 7 in parallel and perpendicular to the 1st substrate 3. The 1st electrode 8 and 2nd electrode 7 are provided with areas horizontally overlapping with the 1st substrate 3. Further, the surfaces of the 1st electrode 8 and 2nd electrode 7 which contact insulating liquid 1 are given vertical steps with the 1st substrate 3. Consequently, the colored electrostatically charged electrophoretic particles 2 are adsorbed because of an increase in the surface area resulting from the formation of the steps.

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